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Antec
The Power of You

User's Manual

.: LANBOY
Aluminum Mini Tower Case
350 Watt SmartBlue Power Supply

Disclaimer
This manual is intended only as a guide for Antec's Computer Enclosures. For more comprehensive instructions on installing your motherboard and peripherals, please refer to the user's manuals which come with your components and drives.

LANBOY User's Manual

LANBOY - Aluminum Mini Tower Case
The LANBOY case comes with the Antec's SmartBlue power supply with blue LED illumination. SmartBlue comes with a main power switch. Make sure you turn the switch to the ON (I) position before you boot up your computer for the first time. In normal operation there is no need to turn the switch to the OFF (O) position since the power supply is equipped with a soft on/off feature which turns your computer on and off through the soft switch on your computer case.You may need to turn the switch to the OFF position occasionally should your computer crash and you cannot shut it down through use of the soft switch.

Set Up
1. Take the case out of the box. Remove the Styrofoam. Remove the plastic bag.
2. Place the case upright with the power supply fan at the back facing you. You will find an Expansion Slot Protective Cover mounted right above the expansion slots. This cover has a compartment marked "hardware" to store your hardware (screws, brass standoffs, plastic stands, etc).
3. Remove the screws from the right side panel. Grip the panel at the finger-grip indent and slide it towards you to open the case.
4. Inside the case you should see the power supply, some wiring with marked connectors (USB, PWR etc.), an installed I/O panel and a power cord.
5. Press the tab on the Protective Cover to remove the cover for expansion card installation

Motherboard Installation
This manual is not designed to cover CPU, RAM, or expansion card installation. Please consult your motherboard manual for specific mounting instructions and troubleshooting.

1. Lay the case down so that the open side is up. You should be able to see the drive cage and power supply.
2. Make sure you have the appropriate I/O panel for your motherboard. If the panel provided is not suitable for your motherboard, please contact your motherboard manufacturer for the correct I/O panel.
3. Line up your motherboard with the standoff holes, and determine which ones line up and remember where they are. Not all motherboards will match with all of the provided screw holes and this is not necessary for proper functionality. (In other words there will likely be extra holes.) Some standoffs may be pre-installed for your convenience.
4. Lift up and remove your motherboard.

5. Screw in the brass standoffs to the threaded holes that line up with your motherboard.
6. Place your motherboard on the brass standoffs.
7. Screw in your motherboard to the standoffs with the provided metallic Phillips-head screws. Your motherboard is now installed.

Power/LED Connections
The Antec SmartBlue power supply is an ATX12V form factor power supply with a single 20-pin Main Power Connector, a 6-pin AUX Power Connector, and a 4-pin +12V Power Connector for the motherboard. It also comes with five to seven 4-pin Peripheral Power Connectors and one to two 4-pin Floppy Drive Power Connectors for your drives. It is backwards compatible to previous ATX form factor power supplies. If your motherboard does not support the AUX Power Connector or the +12V Power Connector, you can still use this power supply.

The power supply is also equipped with a 3-pin fan signal connector. Connect it to one of the fan connectors on your motherboard. You may monitor the speed of the rear power supply fan through your motherboard BIOS or through the monitoring software that comes with your motherboard. Note: The speed of the fan may be as low as 1500 RPM when temperatures are low. At these speeds some motherboards may not be able to properly detect the fan speed and may generate false warnings of fan failure. Please refer to your mother-board manual for proper fan monitoring set up.

1. Connect the 20-pin ATX power connector (and AUX or +12V connectors if appropriate) to your motherboard.
2. Reset switch (labeled RESET SW) connects to your motherboard at the RST connector. The colored wire should be attached to Pin 1 and the black wire to ground. This applies for all of the following connectors as well.
3. Power Switch (labeled POWER SW) connects to the PWR connector on the
4. The Power LED, Hard Drive LED, and Speaker connectors all share a single ribbon cable. Attach the POWER LED, HDD LED connector and SPEAKER connectors to the appropriate headers on your motherboard.

USB Connection
There are 8 wires with connectors coming out from the front mounted USB ports of the case.

1. Locate the internal USB port on your motherboard. They consist of 10-pins in two rows. Note: On some motherboards one or two pins may be marked as NC. This indicates no contact. It is an empty pin. You don't need to use it. On some motherboards one pin may be missing on either one or both rows. Don't worry about it. You only need 8 pins to connect to.
2. Consult your motherboard manual to get each of the pin-out positions.
3. Power Pins: There are two power pins, one on each row. They are usually marked as Power, Vcc or +5V. Connect the two +5V connectors to the two power pins. Each connector can go to either pin.
4. Ground Pins: There are two ground pins, one on each row. They are usually marked as GROUND or GND. Connect the two GROUND connectors to the two ground pins. Each connector can go to either pin.

Note: On some motherboards, there may be two ground pins on one row. You don't need to use all of them. Make sure to connect one ground pin on each row.

5. Data Pins: There are two plus data pins, one on each row, and two minus data pins, one on each row. They are usually marked as USBD2+, USBD3+ and USBD2-, USBD3- or USBP2+, USBP3+ and USBP2-, USBP3- respectively.

a. Connect the (1) +D connector to any of the two plus data pins. It can go to either of the plus pins.

b. Connect the (1) - D connector to the minus data pin in the same row with the plus data pin that (1) +D connector has just connected to.

c. Repeat the same procedures to connect the (2) +D and (2) - D to the motherboard. Make sure they are in the same row.

3.5" Device Installation

There is a 3.5" drive cage inside the case. It can hold 2 external 3.5" drives and 2 internal drives.

1. Pull the quick release lever towards the rear of the case and release the cage. Put the cage on a flat surface.
2. Mount your floppy drives or other external devices to the top two drive bays.
3. Mount your hard drive or other internal 3.5" devices into the lower drive bays.
4. Slide and lock the drive cage back into the case.
5. Find a small 4-pin white connector on the power supply and connect it to the male 4-pin connector on the floppy drive.
6. Connect a large 4-pin white connector from the power supply to the male 4-pin connector on each of the other devices.

5.25" Device Installation

1. There are four metal plates covering the front openings of the 5.25" drive bays. Each comes with a drive rail attached on the front of it. For each drive bay you wish to use, carefully use your hands to twist the metal plate back and forth until it breaks off.
   Note: Be careful of the newly exposed metal where the grills were attached, as these areas are likely to be sharp. Don't break off the plates covering the drive bays that you are not using now.
2. Remove the drive rail from the metal plate by gently lifting the release tab (left end) with one finger and sliding the drive rail to the left. Fasten the drive rail to the right side of the drive (as seen from the front) with the screws provided. Use the third (rearmost) round hole to align with the hole on the drive. Make sure the release tab is facing towards the front of the drive.
3. Slide the device into the drive bay until it is fully seated. Fasten the left side of the drive to the drive enclosure with the screws provided.
4. Connect a large 4-pin white connector from the power supply to the male 4-pin connector on each of the devices.
5. Repeat this procedure to mount other devices.

Data Cable Connection

After you have connected the devices to the power supply, you need to connect the data cables between the devices and the motherboard. The data cables are not included with the case; we include this information only as an aid.

1. For hard drives and CD-ROM's, use the 40-pin IDE ribbon cables. For floppy drives, use the 34-pin ribbon cables. These should come with your devices and have a red strip on side indicating pin number 1. When you connect a ribbon cable to a device, make sure that the red strip is on pin 1, usually toward the power connector.
2. The end that attaches to devices should be the end that has 2 connectors. This will enable you to connect another device if you wish.
3. Connect the far end of the cable to your motherboard on the IDE port, either IDE 1 or IDE 2, or the FLOPPY port.

Fan Installation

The case has one optional 80mm cooling fan mount in the rear and one optional 80mm cooling fan in the front.

The rear fan should be installed so that the air is blowing out of the case.

1. Attach the fan with the provided screws to the rear fan mount.
2. Connect a large 4-pin white connector from the power supply to the male 4-pin connector on the fan.

The front fan should be installed so that the air is drawn into the case from the front.

1. Squeeze the tabs on fan cage to release it.
2. Drop the fan into the cage and push it in until it snaps in.
3. Snap the cage with fan back into its place.
4. Connect a large 4-pin white connector from the power supply to the male 4-pin connector on each of the fans.

Carrying Strap

For ease of transportation, Antec has included a nylon carrying strap with your LANBOY case. Use as shown in picture below.